

DRILL HOLES

DRILL HOLES

DRILL HOLES

BORDER REV. DATE: June 1, 2004

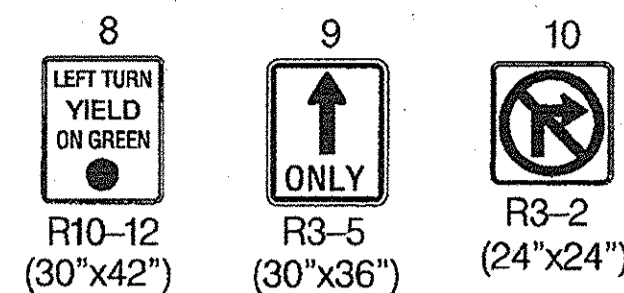
NURSERY ROAD IS ASSUMED TO RUN  
IN A NORTH-SOUTH DIRECTION

# MD 295 SOUTHBOUND ON-RAMP (RAMP B)

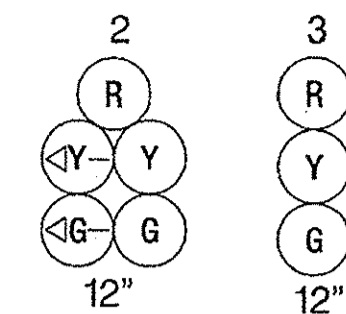
## PROPOSED CAMERAS

VIDEO DETECTION CAMERA (a-b)

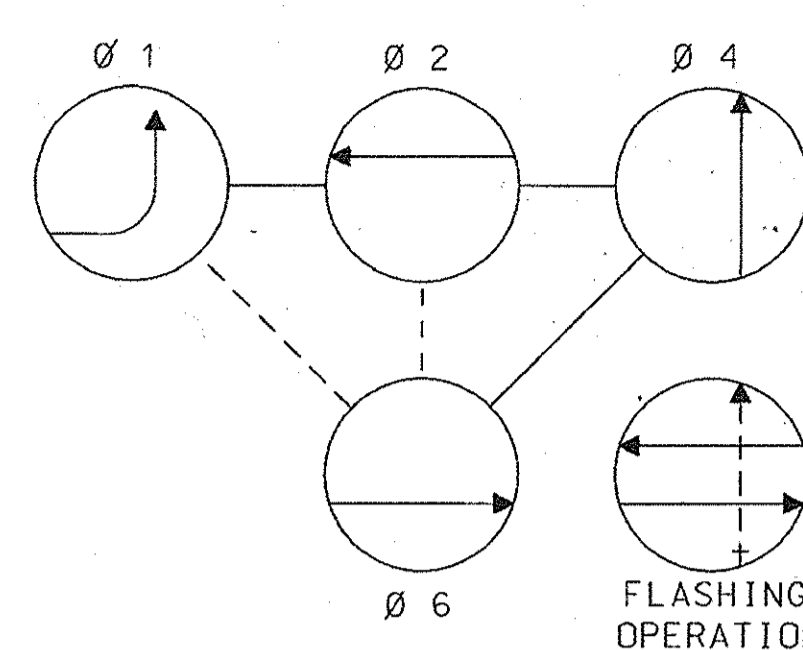
## EXISTING SIGNS



## EXISTING SIGNALS

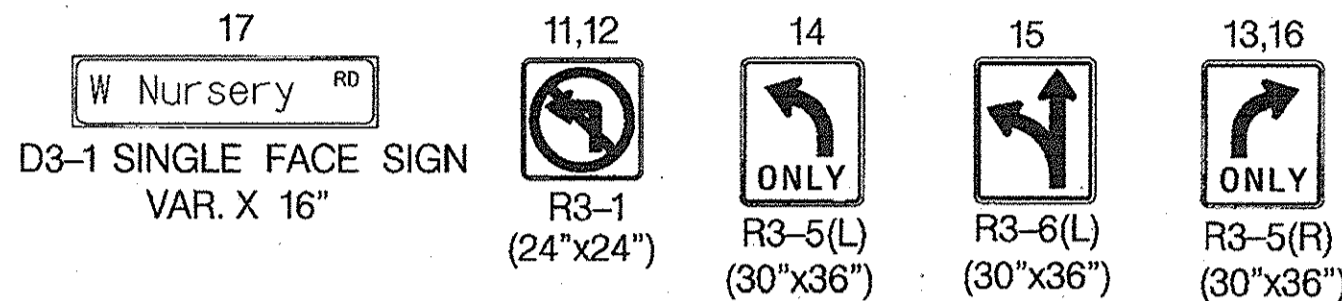


## NEMA PHASING

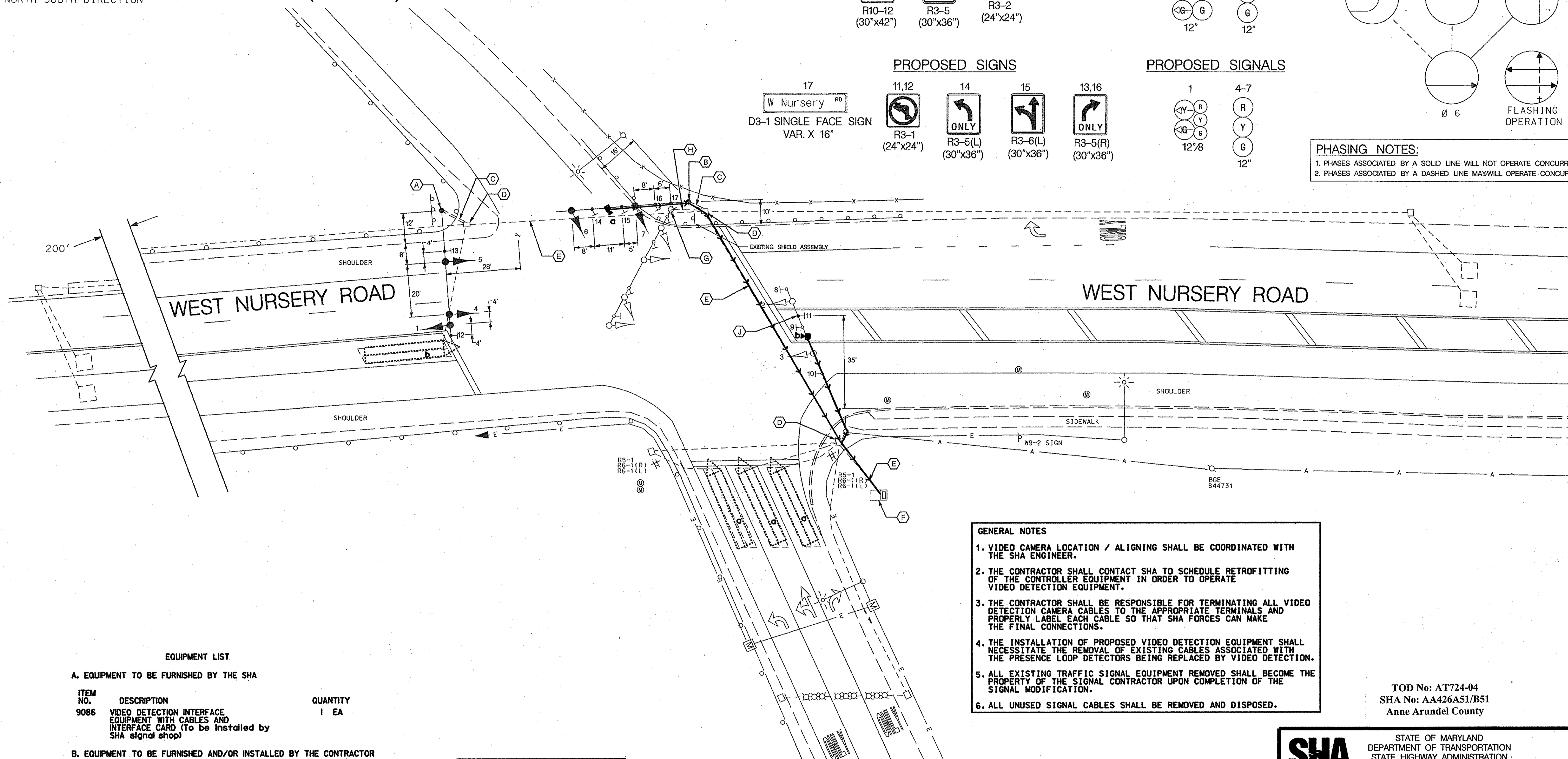
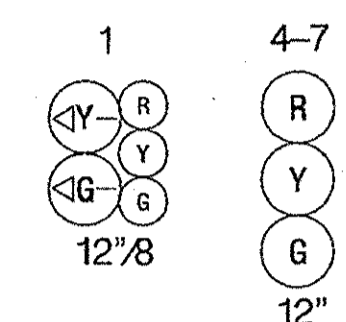


PHASING NOTES:  
1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY  
2. PHASES ASSOCIATED BY A DASHED LINE MAY WILL OPERATE CONCURRENTLY

## PROPOSED SIGNS



## PROPOSED SIGNALS



- GENERAL NOTES**
1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
  2. THE CONTRACTOR SHALL CONTACT SHA TO SCHEDULE RETROFITTING OF THE CONTROLLER EQUIPMENT IN ORDER TO OPERATE VIDEO DETECTION EQUIPMENT.
  3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL VIDEO DETECTION CAMERA CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE SO THAT SHA FORCES CAN MAKE THE FINAL CONNECTIONS.
  4. THE INSTALLATION OF PROPOSED VIDEO DETECTION EQUIPMENT SHALL NECESSITATE THE REMOVAL OF EXISTING CABLES ASSOCIATED WITH THE PRESENCE LOOP DETECTORS BEING REPLACED BY VIDEO DETECTION.
  5. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATION.
  6. ALL UNUSED SIGNAL CABLES SHALL BE REMOVED AND DISPOSED.

TOD No: AT724-04  
SHA No: AA426A51/B51  
Anne Arundel County

## EQUIPMENT LIST

### A. EQUIPMENT TO BE FURNISHED BY THE SHA

ITEM NO.	DESCRIPTION	QUANTITY
9086	VIDEO DETECTION INTERFACE EQUIPMENT WITH CABLES AND INTERFACE CARD (To be installed by SHA signal shop)	1 EA

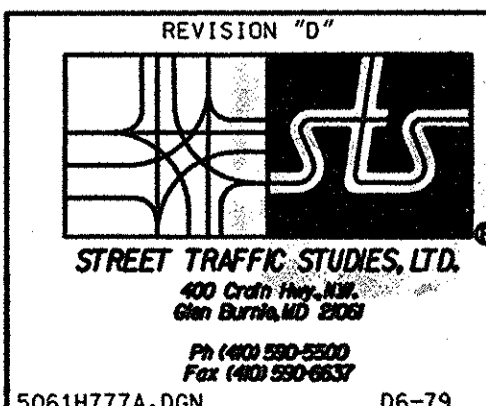
### B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

ITEM NO.	DESCRIPTION	QUANTITY
1001	MAINTENANCE OF TRAFFIC PER ASSIGNMENT	1 EA
8004	REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT PER ASSIGNMENT	1 EA
8026	VIDEO DETECTION CAMERA	2 EA
8027	PRE MANUFACTURED CAMERA TO CONTROLLER (250' LENGTH) CABLE	2 EA



GEOMETRIC LEGEND	
PROPOSED	---
EXISTING	---
LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES	
AERIAL CABLE	A
ELECTRIC	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
CABLE TV	TV

# MD 295 SOUTHBOUND OFF-RAMP (RAMP A)



APPROVALS	
TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

REVISIONS	
1	3/2006 TMS NO. JH777 REPLACE LOOP DETECTION WITH VIDEO CAMERAS SHA #AA426A51/B51
2	4/2004 REPLACE NAST ARN IN NE CORNER SHA #XX0065485
3	8/2002 REPLACE DETECTION DUE TO WIDENING SHA #BW996M82

<b>SHA</b> STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION	
WEST NURSEY ROAD AND SB MD 295 OFF RAMP	
SCALE 1"= 20'	DATE 6/2/86 CONTRACT NO.
DESIGNED BY	COUNTY ANNE ARUNDEL
DRAWN BY M.E.D.	LOGMILE 02CWES01.14
CHECKED BY J.C.K.	TMS NO. H777
F.A.P. NO.	TOD NO.
TS NO. 2177D	DRAWING NO. 1 OF 4 SHEET NO. OF

PLOTTED: 8/24/2006  
FILE: 8/24/2006